

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A system for performing a desired functional service as a transaction utilizing one or more non-transactional resources, said system comprising:
one or more non-transactional resources;
at least one component that defines one or more tasks executable by at least one of said one or more non-transactional resources; and
resource manager operable to control execution of said one or more tasks defined by said at least one component as a transaction for activation of a service.

2. (Original) The system of claim 1 wherein said transaction includes performance of at least one of the services selected from the group consisting of: web hosting service, ftp service, database service, software application service, Domain Name Service (DNS), directory service, monitoring service, managing service, monitoring Quality of Service (QoS), usage measurement service, and billing service.

3. (Canceled)

4. (Original) The system of claim 1 comprising:
a plurality of said non-transactional resources, wherein said non-transactional resources are distributed across different platforms.

5. (Original) The system of claim 1 wherein said non-transactional resources are resources of an Internet Data Center (IDC).

6. (Original) The system of claim 1 wherein said resource manager provides a proxy implementing a transactional protocol for said non-transaction resources.

7. (Original) The system of claim 6 wherein said transactional protocol is X/Open XA protocol.

8. (Original) The system of claim 1 wherein said at least one component is a plugin.

9. (Original) The system of claim 1 wherein said resource manager is communicatively coupled to a message bus.

10. (Original) The system of claim 9 wherein said message bus is an EAI bus.
11. (Original) The system of claim 1 wherein said resource manager is multi-threaded.
12. (Original) The system of claim 1 wherein said resource manager represents said transaction as an object.
13. (Original) The system of claim 12 wherein said resource maintains a log of the state of said object.
14. (Original) The system of claim 1 wherein said resource manager is operable in a plurality of different operational modes, which are definable by said at least one component.
15. (Currently Amended) A method of performing a functional service as a transaction utilizing one or more non-transactional resources within a computing environment, said method comprising the steps of:
 - at least one component defining one or more tasks executable by at least one of said one or more non-transactional resources;
 - receiving at a resource manager a request for performance of a plurality of tasks as a transaction; and
 - said resource manager controlling execution of said at least one component to perform said plurality of tasks as a transaction for service provisioning.
16. (Original) The method of claim 15 further comprising the step of:
 - client application requesting said functional service.
17. (Original) The method of claim 16 further comprising the step of:
 - message bus communicatively coupled to said client application receiving said request for said functional service and redirecting said request to one or more proper resource adapters.
18. (Original) The method of claim 17 wherein said resource manager acts as an intermediary between said one or more resource adapters and said one or more non-transactional resources to control said non-transactional resources to perform said plurality of tasks as a transaction.

19. (Original) The method of claim 18 wherein said resource manager interacts with a transaction manager via transactional protocol.

20. (Original) The method of claim 18 further comprising:
said resource manager invoking tasks at said at least one component according to a transactional protocol.

21. (Original) The method of claim 20 wherein said transactional protocol is X/Open XA protocol.

22. (Original) The method of claim 15 wherein said at least one component is a plugin component.

23. (Currently Amended) A resource manager operable to control execution of tasks by one or more non-transactional resources to perform said tasks as a transaction, said resource manager comprising:
code for receiving a request for performance of a plurality of tasks; ~~and~~
code for controlling one or more non-transactional resources to perform said plurality of tasks as a transaction, wherein said code for controlling one or more non-transactional resources includes code for invoking performance of a task by said one or more non-transactional resources, and wherein said code for invoking performance of a task includes code for calling a function defined by a plugin component that is communicatively coupled to said one or more non-transactional resources.

24. (Original) The resource manager of claim 23 further comprising:
code for representing said transaction as an object.

25. (Canceled)

26. (Canceled)

27. (New) A system comprising:
non-transactional resources for providing a plurality of different services;
a plugin for each of said plurality of different services that defines one or more tasks for activating the respective service; and
resource manager operable to control execution of said plugins to selectively activate multiple ones of the plurality of different services as a transaction.

28. (New) The system of claim 27 wherein said plurality of different services comprise ones selected from the group consisting of:

web hosting service, database service, software application service, DNS service, LDAP service, monitoring service, management service, quality of service (QoS) service, usage measurement service, and billing service.

29. (New) A system comprising:

at least one non-transactional resource for providing at least one service associated with a web hosting service;

a plugin for said at least one non-transactional resource that defines one or more tasks for activating the at least one associated service for a given web hosting service; and

resource manager operable, when activating said given web hosting service, to control execution of said plugin to activate said at least one associated service as a transaction with activating said given web hosting service.

30. (New) The system of claim 29 wherein said at least one associated service includes a plurality of different services associated with a web hosting service.

31. (New) The system of claim 30 wherein the plurality of different associated services comprise ones selected from the group consisting of:

database service, software application service, DNS service, LDAP service, monitoring service, management service, quality of service (QoS) service, usage measurement service, and billing service.